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=> file agricola biosis caplus caba

=> s latex protein
L1 252 LATEX PROTEIN

=> duplicate remove l1
L2 199 DUPLICATE REMOVE L1 (53 DUPLICATES REMOVED)

=> d ti 1-50

L2 ANSWER 1 OF 199 CAPLUS COPYRIGHT 2003 ACS
TI Latex with decreased allergic reaction and keeping good physical properties

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TI Maize major **latex protein** gene, promoter and their uses in making transgenic plants with resistance to pathogenic organisms

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TI Method of treating latex articles and articles produced thereby

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TI Identification of antigenic and allergenic natural rubber latex proteins by immunoblotting.

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TI Dendritic cell mediated immune modulation of allergic inflammation in a murine model of latex allergy.

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TI Evidence that thermodynamic stability of papaya glutamine cyclase is only marginal.

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TI Glove powder in the hospital environment - consequences for healthcare workers.

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TI Characterization of a major **latex protein** (MLP) gene down-regulated by ethylene during peach fruitlet abscission.

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TI Natural rubber latex products: concerns in health care

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TI Latex, potato and tomato allergy in a restaurateur.

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TI Latex sensitization in dental students using powder-free gloves low in **latex protein**: A cross-sectional study.

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TI Latex allergy and recent developments in deproteinization of natural rubber latex

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TI Medical devices manufactured from latex: European regulatory initiatives.

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TI Regulatory initiatives for natural latex allergy: US perspectives.

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TI Natural rubber **latex protein** reduction with an emphasis on enzyme treatment.

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TI Murine models for natural rubber latex allergy assessment.

L2 ANSWER 19 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. DUPLICATE 5
TI Measurement of latex proteins and assessment of **latex protein** exposure.

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DUPLICATE 6
TI The manufacture of gloves from natural rubber latex.

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DUPLICATE 7
TI Microparticles for selective protein determination in capillary electrophoresis.

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DUPLICATE 8
TI Hev b 7 is a Hevea brasiliensis protein associated with latex allergy in children with spina bifida.

L2 ANSWER 23 OF 199 CAPLUS COPYRIGHT 2003 ACS
TI Monodispersed polystyrene latex particles functionalized by the macromonomer technique. II. Application in immunodiagnosis

L2 ANSWER 24 OF 199 CAPLUS COPYRIGHT 2003 ACS
TI The benefits of NR latex vs the environmental costs and other risks of alternative materials

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TI Acetal-functionalized polymer particles useful for immunoassays. III: preparation of **latex-protein** complexes and their applications

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TI Improved immunoblot analysis for latex allergic health care workers.

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TI **Latex protein** allergy and its prevention

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TI Recent advances in the Malaysia's glove industry in meeting today's healthcare challenges

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TI Laboratory gloves

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TI A case of anaphylaxic shock due to latex glove used on internal examination and on the probe of intrauterine echogram.

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TI The paradoxical nature of natural rubber

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TI In situ localization of latex allergens in 3 different brands of latex gloves by means of immunogold field emission scanning and transmission electron microscopy.

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TI **Latex protein**: A hidden "food" allergen?

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DUPLICATE 9
TI Evaluation of percutaneous penetration of natural rubber latex proteins.

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TI Mice immunized with avocado have high titer specific IgG antibody to natural rubber latex proteins.

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DUPLICATE 10
TI Appraisal of latex glove proteins in the induction of sensitivity to multiple latex allergens.

L2 ANSWER 37 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Airway hyperreactivity in a murine model of latex allergy is not mediated by IgG1 or IgE.

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TI Allergenicity of latex gloves with reference to **latex protein** sensitive individuals in a canadian population

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TI Functionalized latex particles useful for immunoassays

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TI Evaluation of the ELISA inhibition assay for natural rubber latex (NRL) proteins: Comparison with other methods for protein and allergen measurements.

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TI Extractable protein of radiation vulcanized natural rubber latex

L2 ANSWER 42 OF 199 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 11
TI Protein marker for tapping panel dryness identified as the small rubber particle protein

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TI Immunoglobulin E that react with natural rubber native proteins in Thai allergic patient and blood donor groups

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TI Latex allergy in multitransfused thalassemia patients.

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TI Protein allergy in NR latex products

L2 ANSWER 46 OF 199 CAPLUS COPYRIGHT 2003 ACS
TI **Latex protein** allergy

L2 ANSWER 47 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Latex allergy in the workplace.

L2 ANSWER 48 OF 199 CAPLUS COPYRIGHT 2003 ACS
TI The skin's role in natural **latex protein** allergy: penetration and sensitization

L2 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2003 ACS
TI Colloidal aggregation in energy minima of restricted depth

L2 ANSWER 50 OF 199 CAPLUS COPYRIGHT 2003 ACS
TI New methods of protein purification. Affinity ultrafiltration

=> s l2 not allergy

L4 118 DUPLICATE REMOVE L3 (0 DUPLICATES REMOVED)

=> d ti 1-50

L4 ANSWER 1 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Latex with decreased allergic reaction and keeping good physical properties

L4 ANSWER 2 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Maize major **latex protein** gene, promoter and their uses in making transgenic plants with resistance to pathogenic organisms

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TI Method of treating latex articles and articles produced thereby

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TI Isolation and molecular analysis of six taproot expressed genes from sugar beet

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TI Evidence that thermodynamic stability of papaya glutamine cyclase is only marginal.

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TI Characterization of a major **latex protein** (MLP) gene down-regulated by ethylene during peach fruitlet abscission.

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TI Natural rubber **latex protein** reduction with an emphasis on enzyme treatment.

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TI Microparticles for selective protein determination in capillary electrophoresis.

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TI Monodispersed polystyrene latex particles functionalized by the macromonomer technique. II. Application in immunodiagnosis

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TI Acetal-functionalized polymer particles useful for immunoassays. III: preparation of **latex-protein** complexes and their applications

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TI Improved immunoblot analysis for latex allergic health care workers.

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TI Recent advances in the Malaysia's glove industry in meeting today's healthcare challenges

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TI Functionalized latex particles useful for immunoassays

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TI Evaluation of the ELISA inhibition assay for natural rubber latex (NRL) proteins: Comparison with other methods for protein and allergen measurements.

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TI Extractable protein of radiation vulcanized natural rubber latex

L4 ANSWER 17 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Protein marker for tapping panel dryness identified as the small rubber particle protein

L4 ANSWER 18 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Colloidal aggregation in energy minima of restricted depth

L4 ANSWER 19 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI New methods of protein purification. Affinity ultrafiltration

L4 ANSWER 20 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Electrosurface properties of poly(styrene-co-acrolein) latexes with the protein-modified surface

L4 ANSWER 21 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Towards the recovery of hydrophobic proteins on two-dimensional electrophoresis gels

L4 ANSWER 22 OF 118 AGRICOLA
TI Isolation and characterization of mRNAs differentially expressed during ripening of wild strawberry (Fragaria vesca L.) fruits.

L4 ANSWER 23 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Differential display and isolation of cDNAs corresponding to mRNAs whose abundance is influenced by ethylene during peach fruitlet abscission

L4 ANSWER 24 OF 118 AGRICOLA
TI A novel promoter from soybean that is active in a complex developmental pattern with and without its proximal 650 base pairs.

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TI Study of styrene-methyl methacrylate-acrylic acid emulsifier-free emulsion copolymer latex as support of protein

L4 ANSWER 26 OF 118 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Lipopolysaccharide augments IgG and IgE responses of mice to the latex allergen Hev b 5.

L4 ANSWER 27 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Anomalous colloidal stability of **latex-protein** systems

L4 ANSWER 28 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Electrical double layer on a latex surface and protein adsorption

L4 ANSWER 29 OF 118 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI cDNA cloning of the 43-kDa latex allergen Hev b 7 with sequence similarity to patients and its expression in the yeast Pichia pastoris.

L4 ANSWER 30 OF 118 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Incidence of latex sensitization among latex glove users.

L4 ANSWER 31 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Covalent binding of proteins to acetal-functionalized latexes. II. Colloidal stability and immunoreactivity

L4 ANSWER 32 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Covalent binding of proteins to acetal-functionalized latexes. 1. Physics and chemical adsorption and electrokinetic characterization

L4 ANSWER 33 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Acetal-functionalized polymer particles useful for immunoassays

L4 ANSWER 34 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Protein A linked latex antisera test for detection of infectious flacherie of silkworm, Bombyx mori L. caused by B. mori infectious flacherie virus

L4 ANSWER 35 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Protein and allergen content of various natural latex articles

L4 ANSWER 36 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Changes in protein profile during coagulation of latex from Carica papaya

L4 ANSWER 37 OF 118 AGRICOLA
TI Characterization of two cDNA clones for mRNAs expressed during ripening of melon (Cucumis melo L.) fruits.

L4 ANSWER 38 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Protein coadsorption on different polystyrene latexes. Electrokinetic characterization and colloidal stability

L4 ANSWER 39 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Binders for paper coating: starches, proteins and latexes

L4 ANSWER 40 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Changes to NR latex proteins on processing the latex to its products

L4 ANSWER 41 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Methods to remove proteins from natural rubber latex

L4 ANSWER 42 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Manufacture of protein-removed natural rubber latexes

L4 ANSWER 43 OF 118 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Nonoxynol-9 lubricated latex condoms may increase release of natural rubber **latex protein**.

L4 ANSWER 44 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Synthesis and characterization of latex particles with acetal functionality

L4 ANSWER 45 OF 118 AGRICOLA
TI The primary structure and characterization of carbohydrate chains of the extracellular glycoprotein proteinase inhibitor from latex of Carica papaya.

L4 ANSWER 46 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Study of allergenic substances in latex products for clinical use

L4 ANSWER 47 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Covalent coupling of antibodies to aldehyde groups on polymer carriers

L4 ANSWER 48 OF 118 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Characterization of the allergen(s) in **latex protein** extracts.

L4 ANSWER 49 OF 118 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Coadsorption of IgG and BSA onto sulfonated polystyrene latex: II. Colloidal stability and immunoreactivity.

L4 ANSWER 50 OF 118 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Coadsorption of IgG and BSA onto sulfonated polystyrene latex: I. Sequential and competitive coadsorption isotherms.

=> d bib abs 37 22

L4 ANSWER 37 OF 118 AGRICOLA
AN 97:34076 AGRICOLA
DN IND20564997
TI Characterization of two cDNA clones for mRNAs expressed during ripening of melon (Cucumis melo L.) fruits.
AU Aggelis, A.; John, I.; Karvouni, Z.; Grierson, D.
CS National Agricultural Research Foundation, Crete, Greece.
AV DNAL (QK710.P62)
SO Plant molecular biology, Jan 1997. Vol. 33, No. 2. p. 313-322
Publisher: Dordrecht : Kluwer Academic Publishers.
CODEN: PMBIDB; ISSN: 0167-4412
NTE Includes references
CY Netherlands
DT Article
FS Non-U.S. Imprint other than FAO
LA English
AB In vitro translation of mRNAs and polyacrylamide gel electrophoresis of proteins from melons revealed that several mRNAs increased in amount during ripening, indicating the existence of other ripening genes in addition to those cloned previously. To identify ripening-related genes we have screened a ripe melon cDNA library and isolated two novel cDNA clones (MEL2 and MEL7) encoding unidentified proteins. Southern analysis revealed that MEL2 and MEL7 are encoded by low-copy-number genes. The MEL2 cDNA clone is near full-length, corresponds to a 1600 nucleotide mRNA that accumulates during ripening and encodes a predicted protein rich in hydrophobic amino acids. The MEL7 cDNA clone is full-length, corresponds to a mRNA of 0.7 kb which accumulates during early ripening stages and is

also present at low levels in other organs of the melon plant. The MEL7 predicted polypeptide is 17 kDa and shows significant homology with the major **latex protein** from opium-poppy. Wounding and ethylene treatment of unripe melon fruits 20 days after anthesis showed that MEL2 and MEL7 mRNAs are only induced by ethylene.

L4 ANSWER 22 OF 118 AGRICOLA
AN 1999:71387 AGRICOLA
DN IND22004114
TI Isolation and characterization of mRNAs differentially expressed during ripening of wild strawberry (Fragaria vesca L.) fruits.
AU Nam, Y.W.; Tichit, L.; Leperlier, M.; Cuerq, B.; Marty, I.; Lelievre, J.M.
CS Texas A&M University, College Station, TX.
SO Plant molecular biology, Feb 1999. Vol. 39, No. 3. p. 629-636
Publisher: Dordrecht : Kluwer Academic Publishers.
CODEN: PMBIDB; ISSN: 0167-4412
NTE Includes references
CY Netherlands
DT Article
FS Non-U.S. Imprint other than FAO
LA English
AB Wild strawberry (Fragaria vesca L.) is an attractive model system for studying ripening in non-climacteric fruit, because of its small diploid genome, its short reproductive cycle, and its capacity for transformation. We have isolated eight ripening-induced cDNAs from this species after differential screening of a cDNA library. The predicted polypeptides of seven of the clones exhibit similarity to database protein sequences, including acyl carrier protein, caffeoyl-CoA 3-O-methyltransferase, sesquiterpene cyclase, major **latex protein**, cystathionine gamma-synthase, dehydrin and an auxin-induced gene. A ninth cDNA clone that was constitutively expressed is predicted to encode a metallothionein-like protein. None of these proteins appear to be directly related to events generally associated with ripening such as cell wall metabolism or the accumulation of sugars and pigments, rather, their putative functions are indicative of the wide range of processes upregulated during fruit ripening.

=> d ti 51-118

L4 ANSWER 51 OF 118 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Evidence for specific variation of protein pattern during tapping panel dryness condition development in Hevea brasiliensis.

L4 ANSWER 52 OF 118 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI A murine model of latex induced airway hyperreactivity.

L4 ANSWER 53 OF 118 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI In vitro and in vivo standardization of a latex extract.

L4 ANSWER 54 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Hevea: Protein markers of tapping panel dryness

L4 ANSWER 55 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Precipitation of Hevea brasiliensis latex proteins with trichloroacetic acid and phosphotungstic acid in preparation for the Lowry protein assay

L4 ANSWER 56 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Rapid test for surface-bound **latex protein** antigens on surgical gloves

L4 ANSWER 57 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI A biochemical comparison between latex from Carica candamarcensis and C. papaya

L4 ANSWER 58 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI History of hevein, a postcolonial protein

L4 ANSWER 59 OF 118 AGRICOLA
TI Sequence analysis of two new members of the major **latex protein** gene family supports the triploid-hybrid origin of the opium poppy.

L4 ANSWER 60 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Flow cytometric measurement of immunoglobulin E to natural latex proteins

L4 ANSWER 61 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Electrokinetic characterization and colloidal stability of polystyrene latex particles partially covered by IgG/a-CRP and m-BSA proteins

L4 ANSWER 62 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Extraction of antigenic protein from latex films and gloves

L4 ANSWER 63 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Adsorption of monomeric bovine serum albumin on sulfonated polystyrene

model colloids. Colloidal stability of **latex-protein** complexes

L4 ANSWER 64 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Adsorption of monomeric bovine serum albumin on sulfonated polystyrene model colloids. 1. Adsorption isotherms and effect of the surface charge density

L4 ANSWER 65 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Electrokinetic characterization of hydrophilic polymer coatings of biotechnical significance

L4 ANSWER 66 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Immobilization of protein on monodispersed colloidal silica with poly(ethylene glycol) spacer and application of the composites to immunological agglutination tests

L4 ANSWER 67 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI The sizes and conformations of the proteins in adsorbed layers of individual caseins on lattices and in oil-in-water emulsions

L4 ANSWER 68 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Confirmation that the latex-reactive protein of Clostridium difficile is a glutamate dehydrogenase. Reply to comments

L4 ANSWER 69 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Confirmation that the latex-reactive protein of Clostridium difficile is a glutamate dehydrogenase. Comments

L4 ANSWER 70 OF 118 AGRICOLA
TI Organization of the major **latex protein** gene family in opium poppy.

L4 ANSWER 71 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Circular dichroism of cysteine proteinases from papaya latex. Evidence of differences in the folding of their polypeptide chains

L4 ANSWER 72 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Electrophoretic behavior of antigen- and antibody-carrying latex particles

L4 ANSWER 73 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Direct purification of multiple ATF/E4TF3 polypeptides from HeLa cell crude nuclear extracts using DNA affinity latex particles

L4 ANSWER 74 OF 118 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI ANTIFUNGAL ACTION OF CARICA-PAPAYA LATEX ISOLATION OF FUNGAL CELL WALL HYDROLYSING ENZYMES.

L4 ANSWER 75 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Selection of Thai latex for radiation vulcanization

L4 ANSWER 76 OF 118 AGRICOLA
TI Isolation and analysis of the major **latex protein** genes of opium poppy.

L4 ANSWER 77 OF 118 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI CLONING AND EXPRESSION ANALYSIS OF DNA SEQUENCES FOR THE MAJOR **LATEX PROTEIN** OF OPIUM POPPY.

L4 ANSWER 78 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI A simple method for measuring immobilization using the surface gloss technique

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TI MOLLUSCICIDAL AND ANTI-CHOLINESTERASE ACTIVITY OF EUPHORBIALES.

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TI ALLERGIC REACTION TO LATEX AN UNSUSPECTED RISK FACTOR FOR ANAPHYLAXIS.

L4 ANSWER 81 OF 118 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI PRELIMINARY X-RAY INVESTIGATION OF AN ORTHORHOMBIC CRYSTAL OF HEVEIN.

L4 ANSWER 82 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Comparative analysis of the major latex proteins of opium poppy

L4 ANSWER 83 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Protein synthesis during the toxic effect of plant latex on Aspergillus japonicus

L4 ANSWER 84 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Identification and characterization of latex-specific proteins in opium poppy

L4 ANSWER 85 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Interaction between proteins and latex particles having different surface

structures

L4 ANSWER 86 OF 118 AGRICOLA
TI An alkaline protease inhibitor from Hevea brasiliensis **latex** **Protein** substance, enzyme inhibitors.

L4 ANSWER 87 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Role of protein-lipid components of natural rubber in crosslinking

L4 ANSWER 88 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Use of latex particles to simulate lipemic interferences

L4 ANSWER 89 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Method of coupling a protein to an epoxylated latex and the products formed therefrom

L4 ANSWER 90 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Immunologically active diagnostic reagent comprising a proteinaceous material bonded to a latex

L4 ANSWER 91 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Coupling a protein on a latex containing epoxide groups and products obtained by this method

L4 ANSWER 92 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Release coatings

L4 ANSWER 93 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Influence of adsorbed proteins on the stability of polystyrene latex particles

L4 ANSWER 94 OF 118 CABA COPYRIGHT 2003 CABI
TI [**Latex protein** biosynthesis, a factor of hevea production].
Biosynthese des proteines du latex, facteur de la production de l'hevea.

L4 ANSWER 95 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Forming an amide bond between a latex and protein

L4 ANSWER 96 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI A family of sole binders for paper and paperboard coatings

L4 ANSWER 97 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Fluorescamine as a reagent for location of proteins after electrophoresis in starch gel or on paper

L4 ANSWER 98 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Proteins at interfaces. The adsorption of human plasma albumin and bovine pancreas ribonuclease on polystyrene latices

L4 ANSWER 99 OF 118 AGRICOLA
TI Fluorescamine as a reagent for location of proteins after electrophoresis in starch gel or on paper [**Latex protein** hevein]

L4 ANSWER 100 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Proteolytic action of papain on proteins in Hevea latex

L4 ANSWER 101 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Quantitative study of tests using latex particles coated with proteins or peptides

L4 ANSWER 102 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Interaction of latex and clay in starch/latex-bound pigmented coatings

L4 ANSWER 103 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Biochemistry of plant latex

L4 ANSWER 104 OF 118 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI THE STATE OF COPPER IN STELLA CYANIN AND LACCASE FROM THE LACQUER TREE RHUS-VERNICIFERA-D.

L4 ANSWER 105 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Technological and economic aspects of plant protein production

L4 ANSWER 106 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Structural stability of the protein microfibrils of Hevea brasiliensis latex

L4 ANSWER 107 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Improving the wettability of polyethylene by adhesives and coatings

L4 ANSWER 108 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Viscosity stabilization of protein-containing latex emulsion paints by aldehydes

L4 ANSWER 109 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Rubber-protein-aldehyde blends

L4 ANSWER 110 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Some factors affecting the adhesion of rubbers to cord impregnated with **latex-protein** composition

L4 ANSWER 111 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Rubber-protein-aldehyde blends

L4 ANSWER 112 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Coating of paper

L4 ANSWER 113 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Report of the Rubber Research Institute of Malaya for the period September 1945 to December 1948 - Chemical Division

L4 ANSWER 114 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Electrophoretic study of the proteins in rubber latex serum

L4 ANSWER 115 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Joining of synthetic rubber and a web

L4 ANSWER 116 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Distribution of nonrubber substances in preserved latex

L4 ANSWER 117 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI Distribution of nonrubber substances in preserved latex

L4 ANSWER 118 OF 118 CAPLUS COPYRIGHT 2003 ACS
TI The non-caoutchouc compounds of the latex

=> d bib abs 70 76

L4 ANSWER 70 OF 118 AGRICOLA
AN 93:12090 AGRICOLA
DN IND93001570
TI Organization of the major **latex protein** gene family in opium poppy.
AU Nessler, C.L.; Burnett, R.J.
CS Texas A&M University, College Station, TX
AV DNAL (QK710.P62)
SO Plant molecular biology : an international journal on molecular biology, biochemistry and genetic engineering, Nov 1992. Vol. 20, No. 4. p. 749-752
Publisher: Dordrecht : Kluwer Academic Publishers.
ISSN: 0167-4412
NTE Includes references.
DT Article
FS Non-U.S. Imprint other than FAO
LA English
AB Opium poppy latex contains a group of laticifer-specific, low-molecular-weight polypeptides called major latex proteins (MLPs). Here we describe a new member of the MLP gene family (gMLP 22) which shares 79.6% nucleotide and 84.6% amino acid sequence identity with previously isolated clones. DNA gel blot analysis indicates that the MLPs are encoded by at least eight genes which are divided into two subfamilies. The expression pattern for each subfamily, as seen in RNA gel blots, appears to be identical and laticifer-specific.

L4 ANSWER 76 OF 118 AGRICOLA
AN 91:31173 AGRICOLA
DN IND91013695
TI Isolation and analysis of the major **latex protein** genes of opium poppy.
AU Nessler, C.L.; Kurz, W.G.W.; Pelcher, L.E.
CS Texas A&M University, College Station, TX
AV DNAL (QK710.P62)
SO Plant molecular biology : an international journal on fundamental research and genetic engineering, Dec 1990. Vol. 15, No. 6. p. 951-953
Publisher: Dordrecht : Kluwer Academic Publishers.
ISSN: 0167-4412
NTE Includes references.
DT Article
FS Non-U.S. Imprint other than FAO
LA English

=> s latex and (resistan? or defense)
L5 11141 LATEX AND (RESISTAN? OR DEFENSE)

=> s l5 not (allerg? or glove or condom)
L6 10995 L5 NOT (ALLERG? OR GLOVE OR CONDOM)

=> d ti 1-5

L6 ANSWER 1 OF 10995 AGRICOLA
TI Antimicrobial **resistance** of Escherichia coli O157 isolated from humans, cattle, swine, and food.

L6 ANSWER 2 OF 10995 AGRICOLA
TI Susceptibility of house flies (Diptera: Muscidae) exposed to commercial insecticides on painted and unpainted plywood panels.

L6 ANSWER 3 OF 10995 AGRICOLA
TI Guayule as a wood preservative.

L6 ANSWER 4 OF 10995 AGRICOLA
TI Detrimental effects of **latex** and cardiac glycosides on survival and growth of first-instar monarch butterfly larvae Danaus plexippus feeding on the sandhill milkweed Asclepias humistrata.

L6 ANSWER 5 OF 10995 AGRICOLA
TI Prevalence, antibiotic susceptibility, and diversity of Escherichia coli O157:H7 isolates from a longitudinal study of beef cattle feedlots.

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L7 61 L6 AND TRANSFORM?

==> duplicate remove l7
L9 54 DUPLICATE REMOVE L7 (7 DUPLICATES REMOVED)

=> d ti 1-54

L9 ANSWER 1 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Maize major **latex** protein gene, promoter and their uses in making transgenic plants with **resistance** to pathogenic organisms

L9 ANSWER 2 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Environmental stress responsive gene promoters identified from Arabidopsis thaliana and use thereof for preparation of stress-responsive transgenic plants

L9 ANSWER 3 OF 54 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Spatial expression of mercury-induced green fluorescent protein by Escherichia coli in **latex** biocatalytic coatings with fluorescent microspheres.

L9 ANSWER 4 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Cloning, characterization and heterologous expression of cis-prenyltransferases from plants

L9 ANSWER 5 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Waterproof and liquid-applicable elastomeric compositions with improved control over rheology dynamics

L9 ANSWER 6 OF 54 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE 1
TI Characterization of phagosomal subpopulations along endocytic routes in osteoclasts and macrophages.

L9 ANSWER 7 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Epoxy resin/acrylic composite latexes: Reactivity and stability of epoxy groups with carboxyl groups

L9 ANSWER 8 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Polymer network formation in the pavement using SBR **latex** modified asphalt emulsions

L9 ANSWER 9 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Novel methods for therapeutic vaccination

L9 ANSWER 10 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Phase **transformation** and thermal properties of glasses and polymers

L9 ANSWER 11 OF 54 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE 2
TI Leukocyte tartrate-**resistant** acid phosphatase as marker for the transition of monocyte to macrophage.

L9 ANSWER 12 OF 54 AGRICOLA DUPLICATE 3
TI CaMV 35S promoter directs beta-glucuronidase expression in the laticiferous system of transgenic Hevea brasiliensis (rubber tree).

L9 ANSWER 13 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Enzymes and antifungal action of **latex**

L9 ANSWER 14 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Regulation of murine macrophage IL-12 production. Activation of macrophages in vivo, restimulation in vitro, and modulation by other cytokines

L9 ANSWER 15 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Analysis of electrochemical noise data for polymer coated steel in the time and frequency domains

L9 ANSWER 16 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Enhancement of Hevea crop potential by genetic **transformation**: HMGR activity in **transformed** tissue

L9 ANSWER 17 OF 54 CABA COPYRIGHT 2003 CABI
TI Possible areas for molecular intervention for crop improvement in Hevea brasiliensis - theoretical considerations.

L9 ANSWER 18 OF 54 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 4
TI Prohevein is poorly processed but shows enhanced **resistance** to a chitin-binding fungus in transgenic tomato plants

L9 ANSWER 19 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Method for the production of proteins in plant fluids.

L9 ANSWER 20 OF 54 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Differential production of TNF by Kupffer cells after phagocytosis of E. coli and C. albicans.

L9 ANSWER 21 OF 54 CABA COPYRIGHT 2003 CABI
TI Tissue culture and genetic **transformation** of dandelion.

L9 ANSWER 22 OF 54 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE5
TI IMMUNOSCANNING ELECTRON MICROSCOPY OF SCHISTOSOME-SNAIL INTERACTIONS.

L9 ANSWER 23 OF 54 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI PLATELET MEMBRANE RESPONSES TO SURFACE AND SUSPENSION ACTIVATION.

L9 ANSWER 24 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Magnesia-partially stabilized zirconia ceramics, and their manufacture

L9 ANSWER 25 OF 54 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI NON-INFLAMMATORY AND NON-IMMUNOLOGICAL **DEFENSE** REACTION BY FIBROBLASTS.

L9 ANSWER 26 OF 54 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI PURE POPULATION OF NONMONOCYTE-DERIVED MACROPHAGES ARISING IN ORGAN CULTURES OF EMBRYONIC RAT LUNGS.

L9 ANSWER 27 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Rust conversion coatings

L9 ANSWER 28 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Thermal recording material

L9 ANSWER 29 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Effect of formation conditions on the properties of coatings prepared by autodeposition

L9 ANSWER 30 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Preparation of impact-**resistant** resins

L9 ANSWER 31 OF 54 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI ISOLATED EPITHELIOID CELLS FROM DIS AGGREGATED BCG GRANULOMAS SOME FUNCTIONAL STUDIES.

L9 ANSWER 32 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI A heat mode recording material and a recording method using it

L9 ANSWER 33 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Primary coating **transforming** rust into a stable **latex**

L9 ANSWER 34 OF 54 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI CYTO GENETIC STUDIES OF HAIRY CELL LEUKEMIA.

L9 ANSWER 35 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Colloidal-chemical processes in a mixture of latexes with water-diluted oligomers

L9 ANSWER 36 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Methods for evaluating structural **transformations** during the formation of **latex** films

L9 ANSWER 37 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Use of compounded plasticizers in preparing low temperature-**resistant** films from Nairit L-7 **latex**

L9 ANSWER 38 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Improving the mechanical indexes and chemical stability of chloroprene **latex** films

L9 ANSWER 39 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Expandable foundry pattern **transformable** into gas

L9 ANSWER 40 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Mastic LBM-30" for sealing joints between construction elements

L9 ANSWER 41 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Cellulose ester films for use in electrical **transformers**

L9 ANSWER 42 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Oil-extended synthetic-rubber and carbon-black master-batches

L9 ANSWER 43 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Water-modified organometallic additives for resinous films

L9 ANSWER 44 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Examination of styrene-butadiene **latex** for water paints

L9 ANSWER 45 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI American Society for Testing Materials, Standards, 1955, VI. Plastics, electrical insulation, rubber, electronics

L9 ANSWER 46 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI American Society for Testing Materials, Standards, 1952. VI. Rubber, plastics, electrical insulation

L9 ANSWER 47 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Breakdown of synthetic elastomers in a Banbury mixer with added air

L9 ANSWER 48 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Solution of low viscosity diolefin polymers

L9 ANSWER 49 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Isopropenyldiphenyls and their copolymerization with compounds having ethylenic unsaturation

L9 ANSWER 50 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Pressure-sensitive adhesive

L9 ANSWER 51 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Oil-resisting rubber

L9 ANSWER 52 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Acetylene polymers and their derivatives. II. New synthetic rubber: chloroprene and its polymers

L9 ANSWER 53 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI Investigations on the vulcanization process

L9 ANSWER 54 OF 54 CAPLUS COPYRIGHT 2003 ACS
TI American Society for Testing Materials, Standards, 1954 Supplement. Part 6. Rubber, plastics, electric insulation

=> d bib abs 18 2

L9 ANSWER 18 OF 54 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 4
AN 1995:865595 CAPLUS
DN 123:281213
TI Prohevein is poorly processed but shows enhanced **resistance** to a chitin-binding fungus in transgenic tomato plants
AU Lee, H. -I.; Raikhel, N. V.
CS Department Energy Plant Research Laboratory, Michigan State University, East Lansing, MI, 48824-1312, USA
SO Brazilian Journal of Medical and Biological Research (1995), 28(7), 743-50
CODEN: BJMRDK; ISSN: 0100-879X
PB Associacao Brasileira de Divulgacao Cientifica
DT Journal
LA English
AB In **latex** of rubber tree (Hevea brasiliensis), prohevein, homologous to potato win gene-encoded proteins, is processed to yield mature hevein. This mature hevein is composed of one chitin-binding domain and the C-terminal polypeptide homologous to pathogenesis-related proteins such as tobacco PR-4 and tomato P2 proteins. In contrast, prohevein was poorly cleaved to form the C-terminal polypeptide in transgenic tomato plants expressing hevein gene (HEV1)-driven polypeptides. However, mature hevein, the N-terminal cleavage form, was not found in this system. Immunoblot anal. of extracellular and intracellular fluid proteins showed that HEV1-encoded polypeptides accumulated intracellularly. In addn., retardation of growth of Trichoderma hamatum was obsd. in transgenic tomatoes constitutively expressing HEV1-encoded proteins.

L9 ANSWER 2 OF 54 CAPLUS COPYRIGHT 2003 ACS

AN 2002:406957 CAPLUS
DN 137:1535
TI Environmental stress responsive gene promoters identified from Arabidopsis thaliana and use thereof for preparation of stress-responsive transgenic plants
IN Shinozaki, Kazuo; Seki, Motoaki; Nanjo, Tokihiko
PA Riken Corp., Japan; Toyota Jidosha Kabushiki Kaisha
SO Eur. Pat. Appl., 87 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1209228	A2	20020529	EP 2001-127716	20011121
	EP 1209228	A3	20021030		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	JP 2002325583	A2	20021112	JP 2001-309984	20011005
	AU 2001091431	A5	20020523	AU 2001-91431	20011121
	CN 1373222	A	20021009	CN 2001-145739	20011122
PRAI	JP 2000-356652	A	20001122		
	JP 2001-309984	A	20011005		

AB The present invention is directed to providing an environmental stress responsive promoter. By cDNA microarray anal., a series of environmental stress responsive genes have been identified and categorized into different groups, such as drought and cold inducible genes, drought-inducible genes, cold-inducible genes, and DREBA1 (DRE (dehydration-responsive element) binding protein 1A gene) target genes. Specifically, drought- and cold-inducible and DREB1A target genes (35S:DREB1 A) are rd29, cor15A, kin2, erd1, kin1, rd17, erd4, FL3-5A3, FL5-77, FL5-94, FL3-27 and FL5-2122; drought- and cold-inducible but not DREB1A target genes are FL5-2024, FL5-1A9, FL5-3M24 and FL5-3A15; drought-inducible genes are rd20, FL6-55, FL5-3J4, FL2-56 and FL5-2D23; and cold-inducible genes are DREB1A and FL5-90. The relations between the various stress treatment periods of time and expression ratios of 18 identified are further studied individually under the different stress conditions, such as cold treatment, dehydration treatment, high salt treatment, and ABA (abscisic acid) treatment. The corresponding stress-responsive promoter regions are also identified from these isolated genes and the ABRE (abscisic acid responsive element), DRE (dehydration-responsive element) and CCGAC CORE sequences are obsd. in these DREB1A target genes. Moreover, the present invention provides expression vectors comprising the above promoter, or the expression vector further comprising a desired gene. Moreover, the present invention is a method for producing a stress-**resistant** plant by **transforming** a plant ((e.g. a plant body, plant organ, plant tissue or plant culture cell) comprising the above expression vector), and culturing or cultivating the above transgenic plant. These transgenic plants are useful for mol. breeding of environmental stress-**resistant** plants.

=> d bib abs 4 16

L9 ANSWER 4 OF 54 CAPLUS COPYRIGHT 2003 ACS
AN 2001:228918 CAPLUS
DN 134:262846
TI Cloning, characterization and heterologous expression of cis-prenyltransferases from plants
IN Coldren, Chris; Flint, Dennis; Hallahan, David L.; Wang, Hong
PA E.I. Du Pont de Nemours and Company, USA
SO PCT Int. Appl., 82 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001021650	A2	20010329	WO 2000-US25856	20000921
	WO 2001021650	A3	20011213		
	W: AU, BR, CA, ID, IN, KR, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	BR 2000014573	A	20020618	BR 2000-14573	20000921
	EP 1214338	A2	20020619	EP 2000-965234	20000921
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
PRAI	US 1999-155046P	P	19990921		
	WO 2000-US25856	W	20000921		

AB This invention pertains to nucleic acid fragments encoding plant proteins that are homologs to the cis-prenyltransferases UPP synthase from the bacterium Micrococcus luteus or Dedol-PP synthase from yeast Saccharomyces cerevisiae. Amino acid and encoding cDNA sequences of cis-prenyltransferase homologs from wheat, grape, soybean, rice, African

daisy, rubber tree **latex** and pot marigold are provided. **Transformation** and expression of Hevea cis-prenyltransferase in dandelion plants, and expression of plant cis-prenyltransferase in Arabidopsis thaliana are disclosed.

L9 ANSWER 16 OF 54 CAPLUS COPYRIGHT 2003 ACS
AN 1997:150017 CAPLUS
DN 126:183904
TI Enhancement of Hevea crop potential by genetic **transformation**: HMGR activity in **transformed** tissue
AU Arokiaraj, P.; Jaafar, Hafsah; Hamzah, Samsidar; Yeang, H. Y.; Abdul Rahaman, W. Y. Wan
CS Rubber Institute Malaysia, UK
SO Symposium on Physiological and Molecular Aspects of the Breeding of Hevea brasiliensis, Penang, Malay., Nov. 6-7, 1995 (1996), Meeting Date 1995, 74-82 Publisher: International Rubber Research and Development Board, Hertford, UK.
CODEN: 64BHAS
DT Conference
LA English
AB Hevea genetic **transformation** complements conventional plant breeding by inserting genes of agronomic importance into the Hevea genome. Being a perennial crop, Hevea has a long breeding cycle and repeated crosses and back-crosses, to fix selected genes, is very time consuming. In cases where the gene can be identified, genetic **transformation** circumvents these steps by inserting the gene directly into the genome of the cultivar without otherwise altering its genetic make-up Desirable genes for **transformation** are those that confer, to the **transformants**, characteristics such as high **latex** yield and wood vol., good vigour, stress (panel dryness) **resistance** or disease **resistance**. Gene transfer for Hevea has been successfully established using the particle gun and by Agrobacterium mediation. Hevea callus tissue has been **transformed** with genes for .beta.-glucuronidase (gus), chloramphenicol acetyl transferase (cat) and neomycin phosphotransferase (nptII). Presence of the gus gene was demonstrated in transgenic plants regenerated from the **transformed** callus. GUS expression has been verified in the leaf tissue and in the **latex** from the transgenic rubber plant. Gene expression that might be usefully enhanced in the rubber tree includes that for 3-hydroxy-3-methylglutaryl co-enzyme A reductase (HGMR), a key enzyme in the rubber biosynthetic pathway that is thought to be present in limiting amts. in Hevea **latex**. It might be argues, therefore, that increased HMGR activity could enhance rubber biosynthetic rate by pushing the carbon flux through the isoprenoid pathway. Studies have shown that increased HMGR activity could enhance rubber biosynthetic rate by pushing the carbon-flux through the isoprenoid pathway. Studies have shown that increased HMGR activity can indeed be induced by genetic **transformation**. The gene for **latex**-specific HMGR (HMGR1) was isolated using the Reverse-Transcriptase Polymerase Chain Reaction (RT-PCR) technique and cloned into a binary vector pART27 and then **transformed** into Hevea anther calli via particle bombardment. HMGR activities ranged from a 70% to 410% increase in kanamycin-**resistant** calli generated in the light and from a 110% to 580% increase in kanamycin-**resistant** calli grown in the dark compared to control values. HMGR activities in **transformed** embryoids grown in the light ranged from the basal level to 250% and from a 120% to 300% increase in **transformants** grown in the dark compared to control values. Whether this would effectively contribute to an increase in yield will only be realized upon exploitation of the transgenic trees when they mature in the future.

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